

# PATENT ABSTRACTS OF JAPAN

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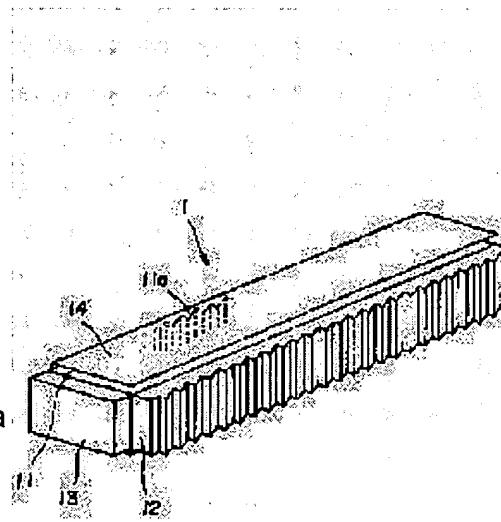
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## (54) LINEAR LIGHT SOURCE AND LIQUID CRYSTAL DISPLAY DEVICE USING THE LINEAR LIGHT SOURCE

### (57)Abstract:

PROBLEM TO BE SOLVED: To obtain a linear light source which lights up an object surface so that its luminance distribution is symmetrical with respect to the length of the linear light source.

SOLUTION: This device is equipped with a transparent quadratic prism 11 which is equipped with a light source 13 on at least one of the lengthwise end surfaces and has on the rear side surface many reflecting grooves 11a reflecting the light from the light source to the front side facing the rear surface, a reflecting sheet 14 which covers both the rear surface and both the surfaces adjacent to the rear surface, and a prism sheet 12 which is installed on the front surface and directs the light reflected by the reflecting grooves 11a perpendicularly to the front surface to emit the light.



### LEGAL STATUS

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